

FILE NOTATIONS

Entered in NID File

Entered on S.R. Sheet

Location Map Filled

Card Indexed

IWR for State of the Land

Checked by Chief

Copy NID to Field Office

Approved Letter

Disposal of Data

COMMERCIAL DATA

Date Well Drilled 8-24-59

OW MW SA

OW CS SA

Location of Well

Depth of Well

State of the Land

EDS FILED

Field Log 11-2-59

Eds. Logs (No.) 3

E L Ed. OR ORN Micro

Lab. I.E. zone Others

5-8-78- Notice of Intention to convert to:
Water Injection well.

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A. or
operations suspended

D-24-59

Pin changed on location map



Affidavit and Record of A & P



~~Water~~ Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



(SUBMIT IN TRIPLICATE)

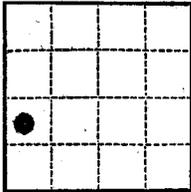
Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Contract No. I-142-Ind-2236

Allottee

Lease No.



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lease No. 146087
Navajo Tribe "D" Lease

Fort Worth, Texas, May 26, 1959

Well No. 26 is located 2040 ft. from XXX line and 680 ft. from EX line of sec. 19

NW/4 SW/4 Sec. 19 40-S 24-E SLM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4503 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

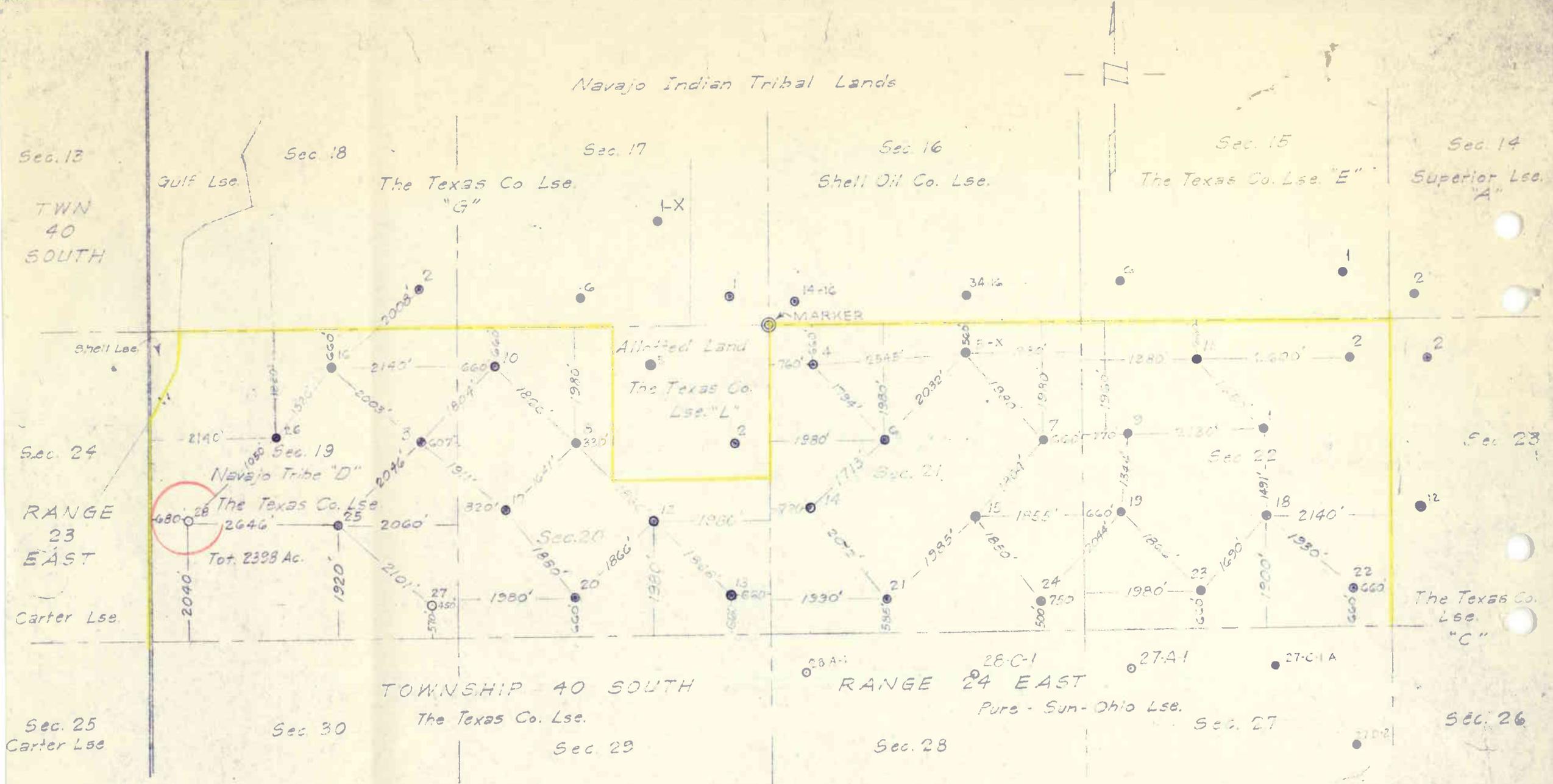
OBJECTIVE FORMATION	SIZE CASING	CASING PROGRAM (Approx.)
		Set at Cement
Top of Aneth 5400'	8-5/8" (1500') 24.0# New	1500' 1000 sx.
	4-1/2" (5600') 9.5# New	5600' 250 sx.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.
Address P.O. Box 1720
Fort Worth 1, Texas

TEXACO Inc.
By J. J. Velten
Title Division Civil Engineer

Navajo Indian Tribal Lands



SAN JUAN COUNTY, UTAH
Scale 1" = 2000'

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

J. J. Elter

Division Civil Engineer
The Texas Company
Registered Professional Engineer - State of Texas

May 28, 1959

Texaco, Inc.
P. O. Box 1720
Fort Worth 1, Texas

Attention: J. J. Velten,
Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo D-28, which is to be located 2040 feet from the south line and 680 feet from the west line of Section 19, Township 40 South, Range 24 East, S1E1, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

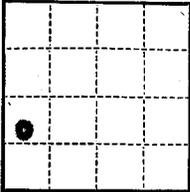
CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-8836

SUNDRY NOTICES AND REPORTS ON WELLS

7/18
8-24

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 19, 1959

Navajo Tribe "D"

Well No. 28 is located 2040 ft. from $\left[\begin{smallmatrix} N \\ S \end{smallmatrix} \right]$ line and 680 ft. from $\left[\begin{smallmatrix} E \\ W \end{smallmatrix} \right]$ line of sec. 19

SW $\frac{1}{4}$ of Sec. 19 40-S 24-E SLM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Aneth San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4503 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 10:00 P.M., June 19, 1959.
 Drilled 17-1/4" hole to 104' and cemented 92' of 13-3/8" OD casing at 104' with 150 sacks of cement. Cement circulated.
 Drilled 11" hole to 1512' and cemented 1502' of 8-5/8" OD casing at 1512' with 1,000 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO INC.

Address Box 817

Farmington, New Mexico

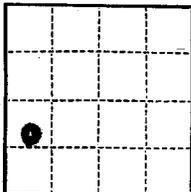
By C. H. M. [Signature]

Title Asst. Dist. Supt.

56

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-8896

7/14
9-14

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		<input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 24, 1959

Navajo Tribe "D"

Well No. 28 is located 2040 ft. from S line and 680 ft. from W line of sec. 19

SW 1/4 of Sec. 19
(1/4 Sec. and Sec. No.)

40-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Aneth
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4503 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 6-3/4" hole to 5600' and cemented 5588' of 4-1/2" O.D. casing at 5599' with 250 sacks of cement. Top of cement 4130'. Tested casing with 1000# pressure for 30 minutes. Tested O.K.

[Handwritten signature]

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 817

Farmington, New Mexico

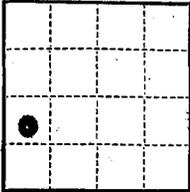
By *[Handwritten Signature]*

Title Asst. Dist. Sup't.

7/14

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. **I-149-IND-8836**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 25, 1959

Navajo Tribe "D"

Well No. 28 is located 2040 ft. from SW line and 680 ft. from W line of sec. 19

SW 1/4 of Sec. 19 40-S 24-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4503 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5600'. Plugged back depth 5598'.

Perforated 4-1/2" casing from 5581' to 5589' with 4 jet shots per foot. Acidized perforations 3 times (500, 1000 & 4000) with a total of 5500 gallons of regular 15% acid. After acidizing the third time, well swabbed 40 barrels of oil and 75 barrels of salt water in 24 hours. Set bridge plug at 5576' and perforated 4-1/2" casing from 5563' to 5567' with 4 jet shots per foot. Acidized perforations from 5563' to 5567' with 500 gallons of regular 15% acid. Swabbed 69 barrels of oil and 40 barrels of salt water in 24 hours. Pushed bridge plug to total depth.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

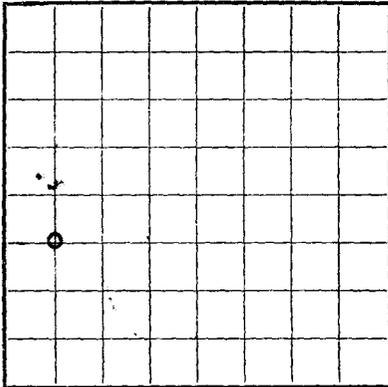
Company TEXACO Inc.

Address P. O. Box 817
Farmington, New Mexico

By [Signature]

Title Asst. Dist. Sup't.

U. S. LAND OFFICE Navajo
SERIAL NUMBER 1-149-TND-8336
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Box 817, Farmington, N. M.
Lessor or Tract Navajo Tribe "D" Field Aneth State Utah
Well No. 23 Sec. 19 T. 40-SR24-E Meridian SLM County San Juan
Location 2040 ft. N. of S. Line and 680 ft. E. of W. Line of Section 19 Elevation 4503'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date October 29, 1959 Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling June 19, 1959 Finished drilling July 6, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5563' to 5589' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	3 1/2	Salis	92	None	None			
8-5/8	94	3 1/2	Salis	1500	maker	None			
4-1/2	9.5	3 1/2	Salis	5538	maker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	104	150	Halliburton		
8-5/8	1512	1000	Halliburton		
4-1/2	5600	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

FOLD MARK

FOLD

Heaving plug—Material None Length _____
 Adapters—Material None Size _____

SHOOTING RECORD

Class	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5600 feet, and from _____ feet to _____ feet
 Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested October 8, 1959 Put to producing August 24, 1959
 The production for the first 24 hours was 18 barrels of fluid of which 73 % was oil; _____ %
 emulsion; 22 % water; and _____ % sediment. Gravity, °Bé. 42.0
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____ Pump test. 64' stroke with 15 strokes
 _____ per minute.

EMPLOYEES

_____, Driller Glenn Mitchum
 _____, Driller O. H. Davenport
 _____, Driller Freeman Smith

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	112	112	Sand & Surface Rock
112	600	488	Sand & Anhydrite
600	1373	773	Sand, Shale & Anhydrite
1373	1572	199	Anhydrite & Sand
1572	2805	1233	Sand, Shale & Anhydrite
2805	3260	455	Shale & Anhydrite
3260	3481	221	Sand, Shale & Anhydrite
3481	3625	144	Shale & Anhydrite
3625	3975	350	Shale
3975	4120	145	Shale & Anhydrite
4120	4521	401	Shale
4521	4702	181	Shale & Lime
4702	4834	132	Shale
4834	5236	402	Lime & Shale
5236	5304	68	Shale
5304	5600	296	Lime & Shale
Total Depth 5600'			
Plugged Back Depth		5598'	

[OVER] **FORMATION RECORD—CONTINUED**

16-48064-4

1959

MARK

LOGS AND RECORDS					
DATE	DEPTH	DIAMETER OF CASING	LOGS	TESTS	REMARKS
HOODING AND CEMENTING RECORD					

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

DATE	DEPTH	DIAMETER OF CASING	LOGS	TESTS	REMARKS
------	-------	--------------------	------	-------	---------

CASING RECORD

After drilling to 5600' and cementing 4-1/2" casing, cement plug was drilled out from 5582' to 5598' (P.O.P.). Perforated 4-1/2" casing from 5581' to 5589' with 4 jet shots per foot. Acidized perforations 3 times (500, 1000 & 4000) with a total of 5500 gallons of regular 15% acid. After acidizing the third time, well swabbed 40 barrels of oil and 75 barrels of salt water in 24 hours. Set bridge plug at 5576' and perforated 4-1/2" casing from 5563' to 5567' with 4 jet shots per foot. Acidized perforations from 5563' to 5567' with 500 gallons of regular 15% acid. Swabbed 69 barrels of oil and 40 barrels of salt water in 24 hours. Pushed bridge plug to total depth. Swabbed well at the rate of 43 barrels of oil and 26 barrels of salt water in 24 hours.

Commenced drilling _____ to _____ Entered casing _____ to _____

The summary on this page is for the condition of the well at above date

Date _____ Time _____

so far as can be determined from all available records.

The information given hereon is a complete and correct record of the well and all work done thereon

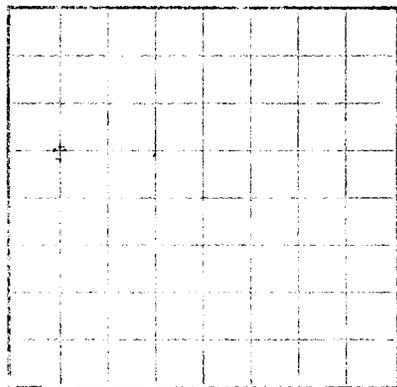
Location _____ of _____ and _____ of _____

Well No. _____

Person or firm _____

Company _____

LOCATE WELL CORRECTLY



LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

STATE OF _____

COUNTY OF _____

TOWNSHIP OF _____

SECTION _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

E319

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

S19, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
TEXACO, Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NE 1/4 SW 1/4 Sec. 19

680' from West line and 2040' from South line.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4503' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) **Convert to water inject. X**

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TEXACO plans to convert Aneth Unit Well E319 from oil producing to water injection status. All work will be done in accordance with USGS and UOGCC regulations.

Procedure:

1. Pull rods, pump, and tubing.
2. Clean out to PBTB (5598' KB).
3. Perforate 5592-96' KB with 2JSPF.
4. Run plastic coated tubing and packer.
5. Set packer above perms and place on injection.
6. Run tracer survey after well stabilizes and acidize if necessary.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: May 10, 1978

BY: [Signature]

In addition, a 3000' injection line (2-7/8" cement lined steel) will be laid from E319 along the lease road up to the existing line near G319.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Field Foreman DATE 5-8-78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(4) UOGCC(3) The Superior Oil Co.-The Navajo Tribe-GLE-ARM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR
(Other instructi
verse side) CATE*
on re-

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. I-149-IND.-8836
2. NAME OF OPERATOR TEXACO, Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box EE, Cortez, CO. 81301	7. UNIT AGREEMENT NAME Aneth Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NE 1/4 SW 1/4 680' FWL and 2040' FSL	8. FARM OR LEASE NAME Aneth
14. PERMIT NO.	9. WELL NO. E319
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4503' DF	10. FIELD AND POOL, OR WILDCAT Aneth
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S19, T40S, R24E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Convert to water inject. <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-9-79: MIRUSU. Pulled rods, pump and tubing. Perf. 5592-96' w/2JSPPF. Set packer at 5519' KB. Acidized all perfs. w/ 3250 gals. 28% reg acid. Average rate and press: 2 BPM, 2000 PSI. ISIP-2000, 15 minutes 200. Set packer at 5429' KB. Run 2-3/8" EUE tubing. Placed well on injection.

Test: 0 BWIPD, 2100# tubing.

18. I hereby certify that the foregoing is true and correct

SIGNED *Alvin R. Marx* TITLE Field Foreman DATE 2-16-79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Texaco Inc.
 ADDRESS P. O. Box EE
Cortez, Colorado ZIP 81321
 INDIVIDUAL PARTNERSHIP CORPORATION XX
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ANETH UNIT E319 WELL
 SEC. 19 TWP. 40S RANGE 24E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Aneth Unit</u>	Well No. <u>E319</u>	Field <u>Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 - SW 1/4</u> Sec. <u>19</u> Twp. <u>40S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>9-16-83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1070'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What Oil & Gas	
Location of <u>Aneth Unit</u> Producing Injection Source(s) wells & San Juan River		Geologic Name(s) <u>Desert Creek & Ismay</u> and Depth of Source(s) <u>+/- 5600'</u>	
Geologic Name of Injection Zone <u>Paradox: DESERT CREEK</u>		Depth of Injection Interval <u>5563'</u> to <u>5596'</u>	
a. Top of the Perforated Interval: <u>5563'</u>	b. Base of Fresh Water: <u>1070'</u>	c. Intervening Thickness (a minus b) <u>4493'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>Sandstone, limestone & anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum _____ <u>2,000</u> B/D _____ <u>2,500</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>The Navajo Tribe</u> <u>Box 146</u> <u>Window Rock, Arizona 86515</u>			

State of Colorado)
 County of Montezuma)

Alvin R. Marx Field Supt.
Applicant

Before me, the undersigned authority, on this day personally appeared Alvin R. Marx
 known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly
 authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th day of Dec., 1983

JRAL

My commission expires 10/25/87

Joe D. Roybal
 Notary Public in and for Colorado

728 N. Beech, Cortez, Co. 81321

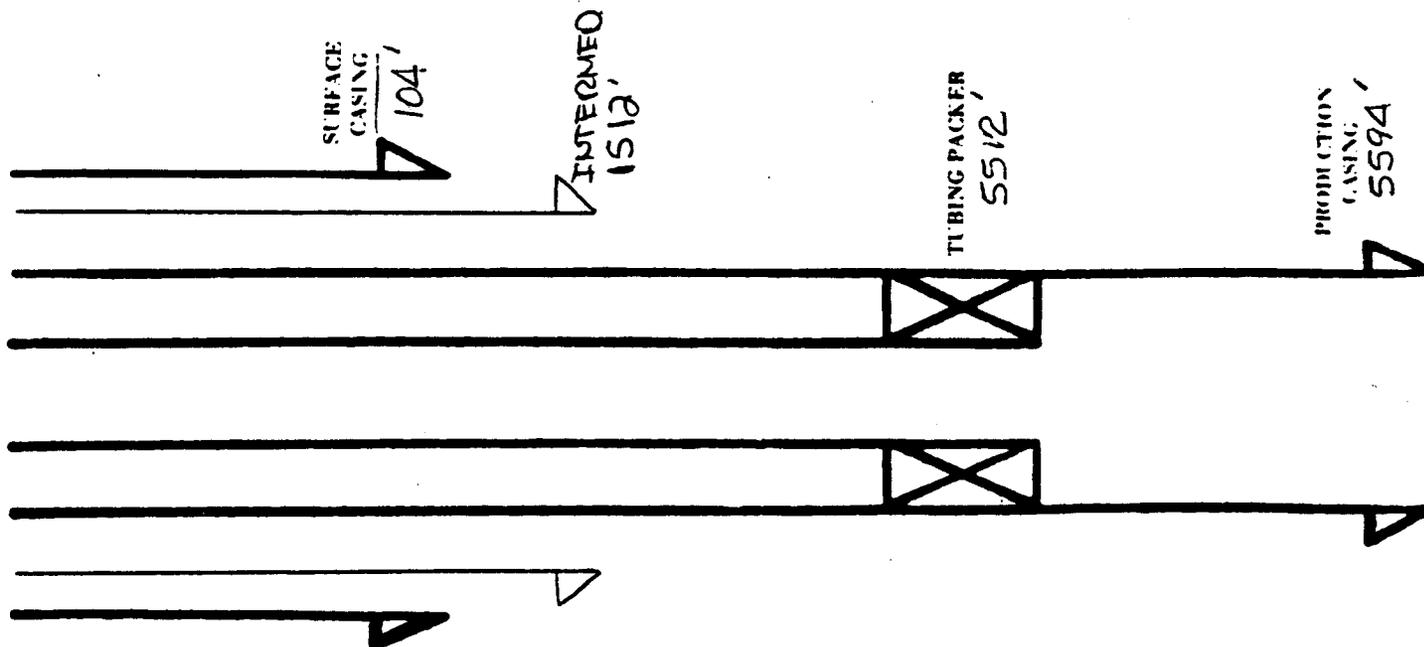
(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plot showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within 1/2 mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including: Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within 1/2 mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	104'	150	CIRC.	
Intermediate	8 5/8"	1512'	1000	CIRC.	
Production	4 1/2"	5594'	250	NA	
Tubing	2 3/8"	5512'	Name - Type - Depth of Tubing Packer 4 1/2" LOKSET PAKER PLASTIC COATED 5512'		
Total Depth /		Geologic Name - Inj. Zone		Depth - Top of Inj. Interval	
5600'		DESERTCREEK		5563'	
				Depth - Base of Inj. Interval	
				5596'	

SKETCH - SUBSURFACE FACILITY



PLEASE TYPE OR USE BLACK INK ONLY

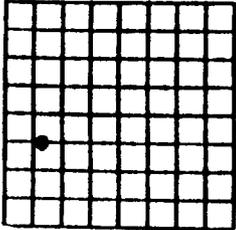
(To be filed within 30 days after drilling is completed) I-149-IND-8836

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY
LEASE NO.

API NO
049 Area
B



Locate Well Correctly
and Outline Lease

COUNTY San Juan SEC. 19 TWP. 40S RGE. 24E
COMPANY OPERATING Texaco Inc
OFFICE ADDRESS P O Box EE
TOWN Cortez STATE ZIP Colo 81321
FARM NAME Aneth Unit WELL NO. E319
DRILLING STARTED 6-19-1959 DRILLING FINISHED 7-6-1959
DATE OF FIRST PRODUCTION 8-24-59 COMPLETED 8-24-59
WELL LOCATED 1/4 NE 1/4 SW 1/4
2040 FT. FROM SE OF 1/4 SEC. & 680 FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 1503 GROUND 4493

TYPE COMPLETION

Single Zone DESERTCREEK Order No. N/A
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____
LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>DESERTCREEK</u>	<u>5563</u>	<u>5596</u>			

CASING & CEMENT

Casing Set				Cog. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Set	Fillup	Top
<u>13 3/8"</u>	<u>48</u>	<u>NA</u>	<u>104'</u>	<u>NA</u>	<u>150</u>	<u>NA</u>	<u>CIRC.</u>
<u>8 5/8"</u>	<u>24</u>	<u>NA</u>	<u>1512'</u>	<u>NA</u>	<u>1000</u>	<u>NA</u>	<u>CIRC.</u>
<u>4 1/2"</u>	<u>9.5</u>	<u>NA</u>	<u>5594'</u>	<u>NA</u>	<u>350</u>	<u>NA</u>	<u>NA</u>

TOTAL DEPTH 5600'

PACKER'S SET DEPTH 5512'

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	<u>Desert Creek</u>	<u>Ismay</u>	
SPACING & SPACING ORDER NO.	<u>40 acre</u>	<u>40 acre</u>	
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	<u>8-24-59 OIL</u>		<u>1-9-79 INJECTION</u>
PERFORATED INT. COMP.	<u>5581'-5589'</u> <u>5563-5567'</u>		<u>5592'-96'</u>
INTERVALS			
ACIDIZED?	<u>5500 15%</u> <u>500 15%</u>		<u>3250 28%</u> <u>REG.</u>
FRACTURE TREATED?			

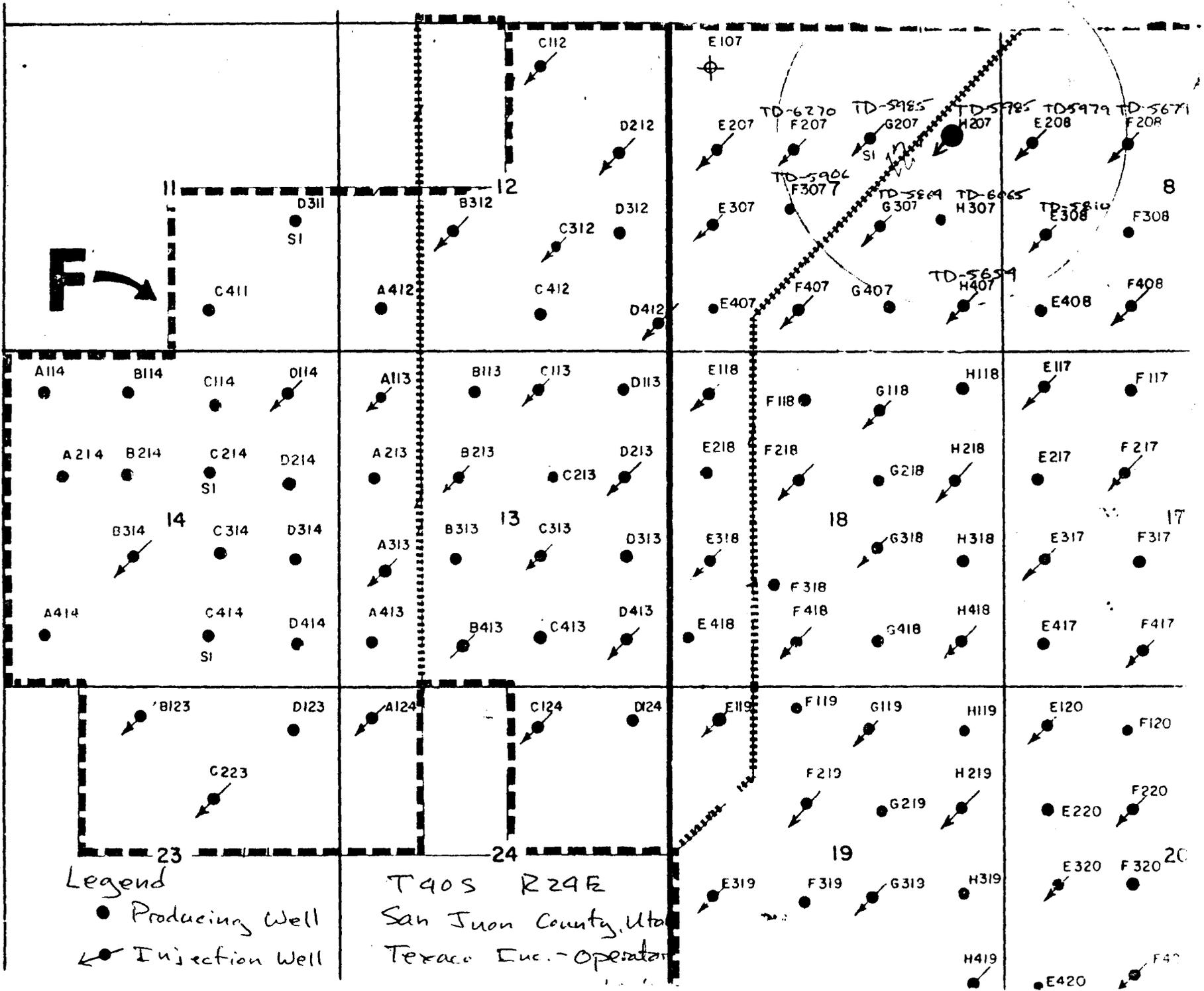
INITIAL TEST DATA

Date	1	2	3
Date	<u>8-24-59</u>		<u>1-9-79</u>
Oil. bbl./day	<u>14</u>		
Oil Gravity			
Gas. Cu. Ft./day	<u>0</u>	<u>0</u>	<u>0</u>
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day	<u>4</u>		
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 1-303-565-8401 Alvin R. Mann Field Supt.
State of Colorado Name and title of representative of company
County of Montezuma 16th day of December, 1983
Subscribed and sworn before me this _____ day of _____, 1983
My commission expires 10/25/87 Joe D. Roybal
728 N. Beech, Cortez, Co. 81321



F →

Legend
 ● Producing Well
 ↙ Injection Well

T405 R24E
 San Juan County, Uta
 Texaco Inc. - Operator

E107
 TD-6270 F207
 TD-5985 G207
 TD-5985 H207
 TD-5979 E208
 TD-5671 F208
 TD-5906 F3077
 TD-5649 G307
 TD-6465 H307
 TD-5819 E308
 TD-5659 H407
 E207
 E307
 E407
 F407
 G407
 H407
 E408
 F408
 F308

A114 B114 C114 D114
 A214 B214 C214 D214
 B314 C314 D314
 A414 C414 D414
 SI

A113 B113 C113 D113
 A213 B213 C213 D213
 A313 B313 C313 D313
 A413 B413 C413 D413

E118 F118 G118 H118
 E218 F218 G218 H218
 E318 F318 G318 H318
 E418 F418 G418 H418

E117 F117
 E217 F217
 E317 F317
 E417 F417

B123 D123
 C223

A124 C124 D124

E119 F119 G119 H119
 F219 G219 H219
 F319 G319 H319

E120 F120
 E220 F220
 E320 F320

E319 F319 G319 H319
 H419
 E420 F420

TEXACO

INSTRUCTIONS - CANCELS LETTER(S) OF _____ SIGNED BY _____

 PERMANENT ROUTINE TEMPORARY

19

(LOCATION)

(DATE)

Subject: Water Analysis from
Navajo Aquifer

Aneth Unit H415

Location - SE 1/4 - SE 1/4 Sec 15, T40S, R24E

Sample Date - 1-17-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 8.7

Total Dissolved Solids - 2573 ppm

SiO₂ - 16 ppmCO₃⁼ - 130 ppmCa⁺ - 7 ppmHCO₃⁻ - 156 ppmMg⁺⁺ - 28 ppmSO₄⁼ - 599 ppmNa⁺ - 76 ppmCl⁻ - 757 ppm

Aneth Unit G422

Location - SW 1/4 - SE 1/4 Sec 22, T40S, R24E

Sample Date - 1-18-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 9.2

Total Dissolved Solids - 2823 ppm

SiO₂ - 17 ppmCO₃⁼ - 925 ppmCa⁺ - 6 ppmHCO₃⁻ - 912 ppmMg⁺⁺ - 8 ppmSO₄⁼ - 265 ppmNa⁺ - 915 ppmCl⁻ - 271 ppm* Note: these numbers were obtained from Texaco Files
in the Denver Division offices

If letter requires reply prepare in triplicate, forwarding original and duplicate, and retain copy.

P.O. Box 2100

Denver, Colo
80201

By _____

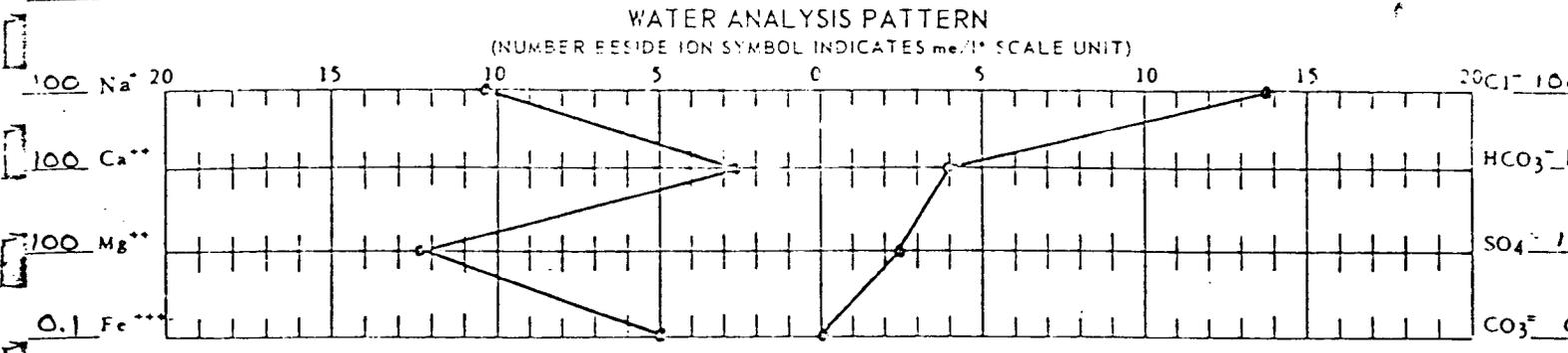
ADDRESSEE: Use reverse side to reply. Return original. Retain duplicate.

WATER ANALYSIS REPORT

NL Treating Chemicals/NL Industries, Inc.

P.O. Box 1675, Houston, Texas 77001

COMPANY TEXACO, INCORPORATED						SHEET NUMBER 6	
FIELD ANETH				COUNTY OR PARISH SAN JUAN		DATE 5 APRIL 1982	
LEASE OR UNIT ANETH			WELL(S) NAME OR NO. INJECTION WATER		STATE UTAH		
DEPTH, FT.	EHT. F	SAMPLE SOURCE PLANT	TEMP. F	WATER, EBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 6 APRIL 1982		TYPE OF WATER <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input checked="" type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DISPO					



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	392.0	
Calcium, Ca ⁺⁺	268.0	5360.0
Magnesium, Mg ⁺⁺	124.0	1519.0
Iron (Total) Fe ⁺⁺⁺	0.5	10.0
Barium, Ba ⁺⁺	—	1.0
Sodium, Na ⁺ (calc.)	1035.1	23807.3

ANIONS	me/l*	mg/l*
Chloride, Cl ⁻	1380.3	49000.0
Sulfate, SO ₄ ⁻	24.5	1175.0
Carbonate, CO ₃ ⁼	0.0	0.0
Bicarbonate, HCO ₃ ⁻	4.0	244.0
Hydroxyl, OH ⁻	0.0	0.0
Sulfide, S ⁼	18.8	300.0

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	337.5 mg/l*
Carbon Dioxide, CO ₂	185.0 mg/l*
Oxygen, O ₂	1.0 mg/l*

PHYSICAL PROPERTIES

pH	6.65
Eh (Redox Potential)	N.D. MV
Specific Gravity	N.D.
Turbidity, JTU Units	N.D.
Total Dissolved Solids (calc.)	81385.3 mg/l*
Stability Index @ 77 F	+0.39
@ 140 F	+1.32
CaSO ₄ Solubility @ 77 F	306.6 me/l*
@ 176 F	306.8 me/l*
Max. CaSO ₄ Possible (calc.)	24.5 me/l*
Max. BaSO ₄ Possible (calc.)	1.0 mg/l*
Residual Hydrocarbons	N.D. ppm(Vol/)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide Iron Oxide Calcium Carbonate Acid Insoluble

REMARKS AND RECOMMENDATIONS:

WATER SHOWS A TENDENCY TOWARD SCALING; PRIMARILY CALCIUM CARBONATE

* NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

BTC ENGINEER MARK BROTHERS	DIST. NO. 12	ADDRESS FARMINGTON, N.M.	OFFICE PHONE 505-325-5701	HOME PHONE 505-325-48
ANALYZED	DATE	DISTRIBUTION		

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Jehaco Well No. Ameth Unit E319
 County: Commanche T 40S R 24E Sec. 19 API# 43-037-16064
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<u>✓</u>	_____
Plat including Surface Owners. Leaseholders, and wells of available record	<u>✓</u>	_____
Schematic Diagram	<u>✓</u>	_____
Fracture Information	<u>✓</u>	_____
Pressure and Rate Control	<u>✓</u>	_____
Adequate Geologic Information	<u>✓</u>	_____
Fluid Source	<u>Desert Creek - Gray</u>	
Analysis of Injection Fluid	Yes <u>✓</u> No _____	TDS <u>81385</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No _____	TDS <u>81385</u>
Known USDW in area	<u>Wingo</u>	Depth <u>1070</u>
Number of wells in area of review	<u>3</u>	Prd. <u>1</u> P&A <u>0</u>
	Water <u>0</u>	Inj. <u>2</u>
Aquifer Exemption	Yes _____ NA <u>✓</u>	
Mechanical Integrity Test	Yes _____ No <u>✓</u>	
	Date _____	Type _____

Comments: _____

Reviewed by: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injection</u>		6. LEASE DESIGNATION AND SERIAL NO. <u>I-149-IND-8836</u>	
2. NAME OF OPERATOR <u>Texaco Inc.</u>		7. UNIT AGREEMENT NAME <u>Aneth</u>	
3. ADDRESS OF OPERATOR <u>P. O. Box EE, Cortez, Co. 81321</u>		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) <u>At surface</u>		9. WELL NO. <u>E319</u>	
680' FWL & 2040' FSL		10. FIELD AND POOL, OR WILDCAT <u>Aneth</u>	
14. PERMIT NO. <u>43-037-1606-1</u>	15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>4503' DF</u>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec 19, T40S, R24E</u>	12. COUNTY OR PARISH 13. STATE <u>San Juan Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Shut-in</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco has temporarily shut-in the subject injection well. If economic conditions improve, the well will be reevaluated to return it to injection

RECEIVED
SEP 17 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Alvin R. Manf TITLE Area Superintendent DATE 9/15/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BLM (4) UOGCC (3) Mobil Navajo Tribe JNH LAA ARM

*See Instructions on Reverse Side

37

Utah Division of Oil, Gas, and Mining
Casing - Bradenhead Test

Operator:	TEXACO INC.	Field/Unit:	GREATER ANETH		
Well:	E-319	Township:	40S	Range:	24E Sect:19
API:	43-037-16064	Welltype:	INJI	Max Pressure:	2500
Lease type:	INDIAN	Surface Owner:	NAVAJO		
Last MIT Date:	09/16/83	Witness:	F	Test Date:	6/2/87

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
---------------	------	--------	----------	--------------

Surface: 133/8 104

Intermediate: 8 5/8 1512

Production: 4 1/2 5594

Other: 0

Tubing: 2 3/8

Packer: 5512

Recommendations:

SI
Bael casing

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth

8. FARM OR LEASE NAME

9. WELL NO.

E319

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 19, T40S, R24E

12. COUNTY OR PARISH | 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Water Injection

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO. 1321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

680' FWL & 2040' FSL

14. PERMIT NO.
43-087-2707

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4503" DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Extend SI Well Status

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco requests approval to extend the shut-in status of the subject well. Due to current conditions the well is uneconomical to return to injection. If economic conditions improve, the well will be reevaluated to return to injection.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9-17-87
BY: [Signature]

SEP 10 1987

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

AREA SUPT.

DATE

9/4/87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

BLM (4) - UOGCC (3) - Mobil - Navajo Tribe - LAA - AAK

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

0. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

E-319

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 19, T40S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Water Injection

2. NAME OF OPERATOR
TEXACO Inc. (303) 565-8401

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

14. PERMIT NO. 16. ELEVATIONS (Show whether DF, AT, CR, etc.)

45-037-16064

4503' DF

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETION
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other) Extend S.I. status

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc. requests approval to extend the shut-in status of the subject southwest edge injection well. Due to current injection patterns at the Aneth Unit, E-319 is not needed at this time as an injector. If offset production dictates, the subject well will be re-evaluated to return to injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

Alan A. Kleier
Alan A. Kleier

TITLE Area Manager

DATE Sept. 8, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

BLM(4) Farmington-UOGCC (3)-Mobil-Navajo Tribe-LAA-AAK

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to the United States any false, fictitious or fraudulent statements or reports, or to submit any such statements or reports, which are material to any matter within the jurisdiction of the United States Government.

RECEIVED 9-12-88 DBGM

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 9-15-88

By: *[Signature]*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STIMMIT IF
(Other use
reverse side)

Form approved.
Budget Bureau No. 1004-01
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

E-319

10. FIELD AND FOOT, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

Sec 19, T40S-R24E

12. COUNTY OR PARISH

San Juan

13. STATE

UT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells or to direct reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Water Injection

2. NAME OF OPERATOR
TEXACO INC. (303) 565-8401

3. ADDRESS OF OPERATOR
P.O. Box EE Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

680' FWL and 2040' FSL Sec 19

14. PERMIT NO.

43-037-1100104

16. ELEVATIONS (Show whether OF, AT, OR, etc.)

4303' DF

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

RACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Extend SI Status

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

RACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco Inc. requests approval to extend the shut-in status of the subject southwest edge injection well. Due to current injection patterns at the Aneth Unit, E-319 is not needed at this time as an injector. If offset production dictates, the subject well will be re-evaluated to return to injection.

OIL AND GAS	
DRN	RIF
JRB	GLH ✓
DTG	SLS
2-TAS ✓	
MICROFILM	
3- FILE	

Federal Approval of this Action is Necessary

8. I hereby certify that the foregoing is true and correct

SIGNED Alan H. Klever

TITLE: Area Manager

(This space for Federal or State office use)

Accepted by the State of Utah, Division of Oil, Gas and Mining

DATE Sept. 7, 1989

Date: 9-15-89

By: For Record

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

BLM-Farm (4), UOGCC (3), Mobil, Navajo Tribe, RSL, AAK

*See Instructions on Reverse Side

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
NO980	TEXACO INC	365	GREATER ANETH	S400	E230	14	NENW	43037.16032	DSCR	WIW	99990	ARROWHEAD #6 (ANETH B-114)
								43037.16088	PRDX	WIW	99990	NAVAJO TRIBLE E-9 (ANETH
								43037.16296	IS-DC	WIW	99990	NAVAJO TRIBLE E-8 (ANETH
								43037.16297	IS-DC	WIW	99990	STATE THREE 23-16 (ANETH
								43037.15832	IS-DC	WIW	99990	STATE THREE 11-16 (ANETH
								43037.30333	DSCR	WIW	99990	ANETH F-416
								43037.20230	IS-DC	WIW	99990	ANETH H-416
								43037.16312	IS-DC	WIW	99990	STATE THREE 42-16 (ANETH
								43037.30107	DSCR	WIW	99990	ANETH G-316
								43037.30344	DSCR	WIW	99990	ANETH G-116
								43037.16285	PRDX	WIW	99990	STATE THREE 21-16 (ANETH
								43037.30094	DSCR	WIW	99990	ANETH E-316
								43037.16286	PRDX	WIW	99990	NAVAJO TRIBLE G-8 (ANETH
								43037.16326	PRDX	WIW	99990	NAVAJO TRIBLE L-1 (ANETH
								43037.16313	PRDX	WIW	99990	NAVAJO TRIBLE L-4 (ANETH
								43037.16103	PRDX	WIW	99990	NAVAJO TRIBLE 1-X-G (ANETH
								43037.16089	PRDX	WIW	99990	NAVAJO TRIBLE G-3 (ANETH
								43037.16299	PRDX	WIW	99990	NAVAJO TRIBLE G-6 (ANETH
								43037.16120	PRDX	WIW	99990	NAVAJO TRIBLE G-5 (ANETH
								43037.16327	PRDX	WIW	99990	NAVAJO TRIBLE G-2 (ANETH
								43037.16287	PRDX	WIW	99990	NAVAJO FEDERAL UNIT #1 (ANETH
								43037.16063	PRDX	WIW	99990	NAVAJO TRIBLE FED. #4 (ANETH
								43037.16104	PRDX	WIW	99990	NAVAJO TRIBLE G-4 (ANETH
								43037.16090	PRDX	WIW	99990	NAVAJO TRIBLE FED #2 (ANETH
								43037.15083	PRDX	WIW	99990	NAVAJO TRIBLE FED UNIT #
								43037.15413	PRDX	WIW	99990	ANETH UNIT E-118 (W. ISMY
								43037.16280	PRDX	WIW	99990	NAVAJO FED. UNIT B-1 (ANETH
								43037.16328	PRDX	WIW	99990	NAVAJO TRIBLE D-27 (ANETH
								43037.16121	PRDX	WIW	99990	NAVAJO TRIBLE D-3 (ANETH
								43037.16309	PRDX	WIW	99990	NAVAJO TRIBLE D-25 (ANETH
								43037.16091	PRDX	WIW	99990	NAVAJO TRIBLE D-16 (ANETH
								43037.16077	PRDX	WIW	99990	NAVAJO TRIBLE D-26 (ANETH
43037.16064	PRDX	WIW	99990	NAVAJO TRIBLE D-28 (ANETH								
43037.16050	PRDX	WIW	99990	NAVAJO TRIBLE D-10 (ANETH								
43037.16065	PRDX	WIW	99990	NAVAJO TRIBLE D-17 (ANETH								
43037.16329	PRDX	WIW	99990	NAVAJO TRIBLE D-13 (ANETH								
43037.16314	PRDX	WIW	99990	NAVAJO TRIBLE L-2 (ANETH								
43037.16105	PRDX	WIW	99990	NAVAJO TRIBLE D-12 (ANETH								
43037.16092	PRDX	WIW	99990	NAVAJO TRIBLE L-5 (ANETH								
43037.16300	PRDX	WIW	99990	NAVAJO TRIBLE D-20 (ANETH								
43037.16288	PRDX	WIW	99990	NAVAJO TRIBLE D-8 (ANETH								
43037.30335	DSCR	WIW	99990	ANETH G-121X								
43037.16084	PRDX	WIW	99990	NAVAJO TRIBLE D-21 (ANETH								
43037.16078	PRDX	WIW	99990	NAVAJO TRIBLE D-6 (ANETH								
43037.16066	PRDX	WIW	99990	NAVAJO TRIBLE D-14 (ANETH								
43037.16051	PRDX	WIW	99990	NAVAJO TRIBLE D-4 (ANETH								
43037.30095	PRDX	WIW	99990	ANETH G-321X								

RECEIVED

MAY 28 1991

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: _____		See Attached Listing	DIVISION OF OIL GAS & MINING
Field or Unit name: _____		API no. _____	
Well location: QQ _____ section _____ township _____ range _____ county _____			
Effective Date of Transfer: <u>6-1-91</u>			
CURRENT OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: Texaco Inc. 3300 North Butler Farmington, NM 87401 (505) 325-4397			
NEW OPERATOR			
Transfer approved by:			
Name	<u>R. S. Lane</u>	Company	<u>Texaco Exploration and Production Inc.</u>
Signature	<u><i>R. S. Lane</i></u>	Address	<u>P. O. Box 3109</u>
Title	<u>Attorney-in-Fact</u>		<u>Midland, TX 79702</u>
Date	_____	Phone (915)	<u>688-4100</u>
Comments: Correspondence Address: Texaco Exploration and Production Inc. 3300 North Butler Farmington, NM 87401 (505) 325-4397			
(State use only)			
Transfer approved by <u><i>Neil Hunt</i></u>		Title <u><i>UIC Manager</i></u>	
Approval Date <u><i>6-26-91</i></u>			



Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

May 22, 1991

RECEIVED

MAY 28 1991

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas, and Mining
Attn: Ms. Lisha Romero
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

This is to advise that as a part of a reorganization of Texaco Inc., a Delaware corporation, the name of Texaco Producing Inc., a Delaware corporation and wholly owned subsidiary of Texaco Inc., has been changed to Texaco Exploration and Production Inc. Further, Texaco Exploration and Production Inc. will succeed to the rights, titles, interests and obligations of Texaco Inc.

This means that Texaco Exploration and Production Inc. will be the operator for all the oil and gas properties that were operated by Texaco Inc. and Texaco Producing Inc. We plan to abbreviate the name as Texaco E & P Inc. for purposes of submitting production reports, etc., via computer, and we suggest that for consistency you use that abbreviation also.

We have enclosed a Sundry Notice with a list of the wells which Texaco operates in Utah. Also attached is UIC Form 5 for transfer of injection authority. Please note that Texaco has two Divisions which operate wells in Utah. One is located in Denver, Colorado, and the other is in Midland, Texas. We have enclosed separate Sundry Notices and lists of wells for each Division. If you have questions concerning the Denver-operated wells, please call Roger Hadley at (303) 793-4833. If you have questions concerning the Midland-operated wells, please call Ken Miller at (915) 688-4834.

Please change any of your other records as necessary to reflect this change.

Yours very truly,

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

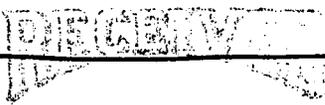
Attachments

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [] GAS WELL [] OTHER [] 2. NAME OF OPERATOR: Texaco Exploration and Production Inc. 3. ADDRESS OF OPERATOR: P.O. Box 46510, Denver, CO 80201 4. LOCATION OF WELL: At surface 5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME 9. WELL NO. 10. FIELD AND POOL, OR WILDCAT 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12. COUNTY OR PARISH 13. STATE 14. PERMIT NO. 15. ELEVATIONS (Show whether of, ft., or, etc.)



DIVISION OF OIL GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [], FRACTURE TREAT [], SHOOT OR ACIDIZE [], REPAIR WELL [], (Other) Transfer of Plugging Bond [X]. PULL OR ALTER CASING [], MULTIPLE COMPLETE [], ABANDON* [], CHANGE PLANS [], (Other) Transfer of Plugging Bond [X]. SUBSEQUENT REPORT OF: WATER SHUT-OFF [], FRACTURE TREATMENT [], SHOOTING OR ACIDIZING [], (Other) Transfer of Owner/Operator [X]. REPAIRING WELL [], ALTERING CASING [], ABANDONMENT* []. (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator: TEXACO INC. Signed: [Signature] Attorney-In-Fact for Texaco Inc. Date: 3/1/91. New Operator: Texaco Exploration and Production Inc. Signed: [Signature] Title: Division Manager Date: 3/1/91

18. I hereby certify that the foregoing is true and correct. SIGNED [Signature] TITLE Division Manager DATE 3/1/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____ CERTIFICATE OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number
10. API Well Number
11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Texaco Exploration and Production Inc.	
3. Address of Operator 3300 North Butler, Farmington, NM 87401	4. Telephone Number (505) 325-4397
5. Location of Well Footage : QQ, Sec. T., R., M. : See Attached	
County : State : UTAH	

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Transfer of Plugging Bond</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u>	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.	NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.
SIGNED: <u>[Signature]</u> Attorney-in-Fact	SIGNED: <u>[Signature]</u> Assistant Division Manager
DATE: _____	DATE: _____

14. I hereby certify that the foregoing is true and correct

Name & Signature _____ Title Asst. Div. Manager Date _____
(State Use Only)

Routing:

1- LCR/GIL	✓
2- DTS/DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

(TEXACO EXPLORATION AND PRODUCTION INC.)

TO (new operator)	<u>TEXACO E & P INC.</u>	FROM (former operator)	<u>TEXACO INC.</u>
(address)	<u>3300 NORTH BUTLER</u>	(address)	<u>3300 NORTH BUTLER</u>
	<u>FARMINGTON, NM 87401</u>		<u>FARMINGTON, NM 87401</u>
	<u>BRENT HELQUIST</u>		<u>FRANK</u>
	phone <u>(505) 325-4397</u>		phone <u>(505) 325-4397</u>
	account no. <u>N 5700 (6-5-91)</u>		account no. <u>N 0980</u>

Well(s) (attach additional page if needed):

Name: <u>(SEE ATTACHED)</u>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no ____ If yes, show company file number: #114097.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above. (will update when filing)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Q1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- Q2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- Q1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.
- Q2. A copy of this form has been placed in the new and former operators' bond files.
- Q3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____. #m157448 80,000-Ins. Co. of N. America

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Q1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Q2. Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

INDEXING

- Q1. All attachments to this form have been microfilmed. Date: July 15 1991.

FILED

- Q1. Copies of all attachments to this form have been filed in each well file.
- Q2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910606 Btm/Farmington N.M. - Duane Spencer (505) 327-5344 will follow up & call back.

910607 Btm/Farmington - Approved 4-2-91 "Company Merges" Includes Aneth Unit and Ismay Flodine Unit.

910607 St. Lands approved 4-15-91 "merges".

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: Oil Well, Gas Well, Other, Water Injection Well (checked). 2. Name of Operator: Texaco E&P Inc. 3. Address and Telephone No.: 3300 N. Butler, Farmington, New Mexico 87401 (505)325-4397. 4. Location of Well: NW/SW Section 19 T40S R24E. 5. Lease Designation and Serial No.: I-149-IND-8836. 6. If Indian, Allottee or Tribe Name: Navajo Tribe. 7. If Unit or CA, Agreement Designation: Aneth Unit. 8. Well Name and No.: E319. 9. API Well No.: 4303716064. 10. Field and Pool, or Exploratory Area: Desert Creek. 11. County or Parish, State: San Juan County, Utah.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other, Extended Shut-In, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, and Dispose Water. 'X' is marked for Notice of Intent and Other/Extended Shut-In.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco respectfully requests approval for extending the shut-in status of this well to maintain the subject wellbore for possible future benefit to the unit.

On 9/17/93, E319 was tested to 1040 psi for 30 minutes and displayed a positive MIT (Mechanical Integrity Test). This test was witnessed by a representative of the USEPA and a signed copy is attached for your records.

As required by the USEPA, this injection well will be retested every three years or when a workover has been conducted. This well will be scheduled again for MIT in September of 1996.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

Stamp: RECEIVED AUG 19 1994

14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Area Manager Date: 8/1/94

(This space for Federal or State office use)

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:



U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INSPECTION
MECHANICAL INTEGRITY TEST

U. S. EPA REGION IX 75 Hawthorne St., W-6-2 San Francisco, CA 94105	OPERATOR: <i>Texaco E&PCo</i> WELL NAME: <i>E-319</i> API #: FIELD: <i>Aneth Unit</i>
---	--

Notice of Inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (U.S.C. Section 300f et seq.).

Date <i>9/17/93</i>	Time <i>11:35 AM</i>
------------------------	-------------------------

REASON FOR INSPECTION

For the purpose of inspecting and witnessing the mechanical integrity test to determine whether the person subject to an applicable underground injection control program is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

Note: Section 1445(b) is quoted in full on the reverse side of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

FIRM REPRESENTATIVE

Calisbee J. Black

INSPECTOR(S)

James D. Walker

In the event of an MIT failure, the operator is advised that the regulations require that a written description of the situation (and the approximate time needed to remedy it) is forwarded to the EPA within five days of the failure.



MIT RESULTS

WELL NAME: *E-319*
WELL FIELD: *Aneth Unit*
NW 1/4 Sec 19 - 40S - 24E

LEAK TEST

(date) *9/17/93*

Tubing Pressure	Annulus Pressure	Time (minutes)	
<u><i>2400</i></u>	<u><i>1040</i></u>	0	<i>11:45 A.M.</i>
<u><i>2400</i></u>	<u><i>1040</i></u>	5	
<u><i>2400</i></u>	<u><i>1040</i></u>	10	
<u><i>2400</i></u>	<u><i>1040</i></u>	20	
<u><i>2400</i></u>	<u><i>1040</i></u>	30	

Other test? _____

PASS Y OR N

FLUID MIGRATION TEST (circle and date)

- Cement Record Review
- Temperature/Noise Log
- Cement Bond Log
- Radioactive Tracer

PASS Y OR N

COMMENTS (Provide comments if MIT failure is a SNC.)

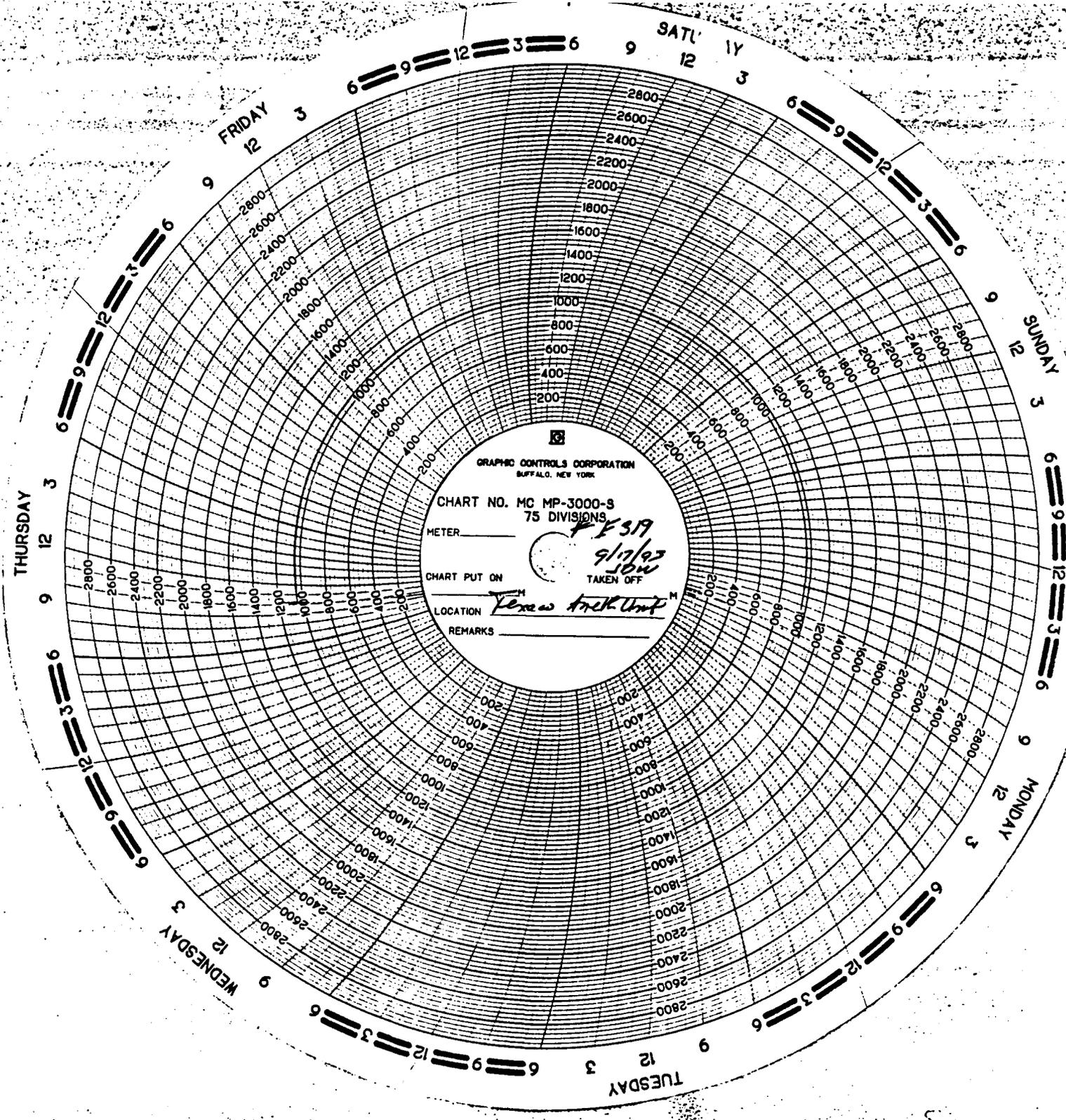
*Opened Bradenhead valve - pressure too high
to bleed off.. Shut in immediately
Recent workover performed*

Q_{inj} = 70 BPD

Recent workover

James O. Walter
signature

2nd reviewer



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-3000-S
75 DIVISIONS

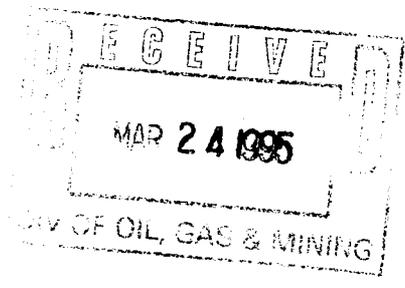
METER _____
CHART PUT ON _____
TAKEN OFF _____

LOCATION *Texas Truck Unit*
REMARKS _____

FE 319
9/17/63
LOW



Texaco Exploration & Production Inc. 10000 West 10th Avenue, Denver, CO 80231



March 20, 1995

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Mr. Don Staley, Administrative Manager, Oil and Gas

Subject: Annual Status Report of Shut-In and Temporarily-abandoned Wells

Dear Mr. Staley,

Attached is a list of shut-in and temporarily-abandoned wells for Texaco E&P Inc., located in San Juan County, Utah. If you require any additional information, please contact me at (505) 325-4397.

Sincerely,

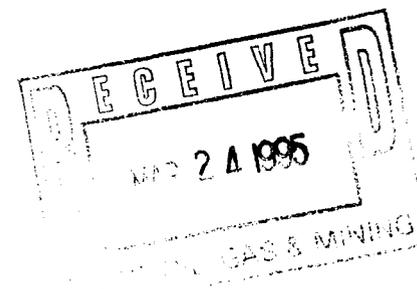
Ted A. Tipton
Area Manager

LNS/s

Attachment

Aneth Unit Annual Status Report

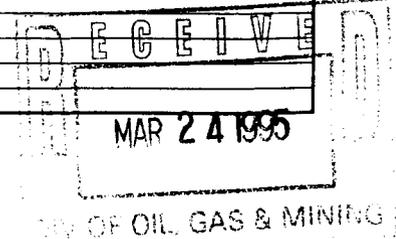
Well Number	Well Status	Date of Last MIT	Comments	Proposed Action	BLM Approved Expiration Date
Injection Wells					
C112	Shut-In	9/92-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	11/1/95
C124	Shut-In		Evaluate: Extended SI or Workover		
C223	Shut-In	5/1/92-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	6/1/95
C411	Shut-In	9/21/92-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	10/1/95
E317	Shut-In	10/21/92 - Failed	Evaluate: Repair Casing or P&A	BLM approved repair of Casing Leak	Approved
E319	Shut-In	9/17/93 - Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	10/1/95
F227	Shut-In	12/16/93 - Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/96
F229	Shut-In	10/18/92 - Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	10/8/95
H207	Shut-In	3/95 - Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	3/1/98
H410	Shut-In	8/22/91 - Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	10/1/97
Producing Wells					
A114	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
A414	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
B401	Shut-In	12/10/93-Pass	Evaluate: Extended SI or Workover	Submitted approval to BLM to SI	
B412	Shut-In	NO TEST	Evaluate: Extended SI or Workover		
C313SE	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
D311	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
D414	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
H128	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97
J229	Shut-In	12/10/93-Pass	Extended SI for future benefit to unit	BLM (Farmington) approved SI	1/1/97



**ISMAY FLODINE PARK UNIT
ANNUAL STATUS REPORT**

DATE OF REPORT: 3/2/95

Well #	Type	Comments	Proposed Action	Action	BLM Approved Expiration Date
S216	OSI	SUBMITTED SUNDRY TO STATE OF UTAH FOR EXTENDED SHUT-IN, CASING LEAK	Call Gil Hunt with UOGCC to confirm approved	Approved 12/9/94	No requirement; will P&A
S221	OSI	REPAIRED CSG LEAK 1/12/94... STILL LEAK, REPAIR SUBMITTED AND APPROVED 2/94	Evaluate well (repair or P&A)	Sundry Extend SI	12/31/95
S222	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
S234	OSI	EXTENDED SHUT-IN (DRY HOLE)	Submit sundry for Extended Shut-In	Sundry 8/24/94	8/1/95
S422	OSI	EXTENDED SHUT-IN, CASING LEAK	Submit sundry for Extended Shut-In	Sundry 9/94	4/1/95
T318	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
U216	OSI	STUCK TBG, POSSIBLE COLLAPSED CASING, HAS APPROVED P&A IN WELL FILE 9/92	Submit proposed action to State of Utah, shut-in approval	P&A approved 1/26/95	No requirement; will P&A
U218	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
U222	OSI	CASING LEAK, WELL HAS BEEN SHUT-IN SINCE, NO WORK TO DATE	Perform MIT, evaluate, submit proposed plan by 7/95	Sundry Extend SI	7/1/95
U417	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
U418	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
U427	OSI	CASING LEAK, WELL HAS BEEN SHUT-IN SINCE, NO WORK TO DATE	Perform MIT, evaluate, submit proposed plan by 7/95	Sundry Extend SI	7/1/95
V118	OSI	UNECONOMICAL TO PRODUCE	Evaluating well for possible Shut-In		
V318	OSI	EXTENDED SHUT-IN	Submit sundry for Extended Shut-In	Sundry 12/16/94	1/1/96
R124	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
T117	WIWSI	UNECONOMICAL	Perform MIT, submit sundry for extended shut-in	Mit & Sundry	1/1/98
T118	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
T119	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
T317	WIWSI	UNECONOMICAL	Perform MIT, submit sundry for extended shut-in	Mit & Sundry	1/1/98
J421	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
V117	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
V121	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	1/1/96
V321	WIWSI	UNECONOMICAL	Submit sundry for extended shut-in	Sundry 12/15/94	11/1/95
U121	WSSI	WATER WELL	Submit sundry for extended shut-in	Sundry 12/15/94	1/1/96
V219	WSSI	WATER WELL	Submit sundry for extended shut-in	Sundry 12/15/94	1/1/96
V220	WSSI	WATER WELL	Submit sundry for extended shut-in	Sundry 12/15/94	1/1/96
	Code	Definition			
	OSI	Oil Shut-In			
	WIWSI	Water Injection Well Shut-In			
	WSSI	Water Source Shut-In			



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: OIL WELL GAS WELL OTHER INJECTION WELL

2. Name of Operator
 TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.
 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter L : 2040 Feet From The SOUTH Line and 680 Feet From The
 WEST Line Section 19 Township T40S Range R24E

5. Lease Designation and Serial No.
 I-149-IND-8836

6. If Indian, Alottee or Tribe Name
 NAVAJO TRIBE

7. If Unit or CA, Agreement Designation
 ANETH UNIT

8. Well Name and Number
 ANETH UNIT
 E319

9. API Well No.
 4303716064

10. Field and Pool, Exploratory Area
 DESERT CREEK

11. County or Parish, State
 SAN JUAN , UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

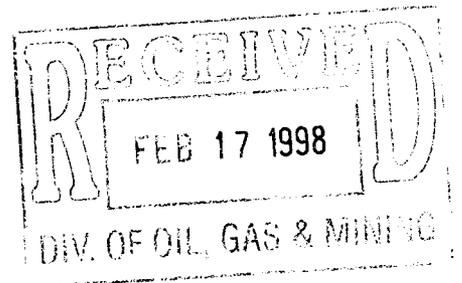
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> OTHER: <u> Plug & Abandon </u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Texaco E&P Inc. requests to plug and abandon the subject well. See attached procedure and wellbore diagram for pertinent details.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 2/10/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE _____

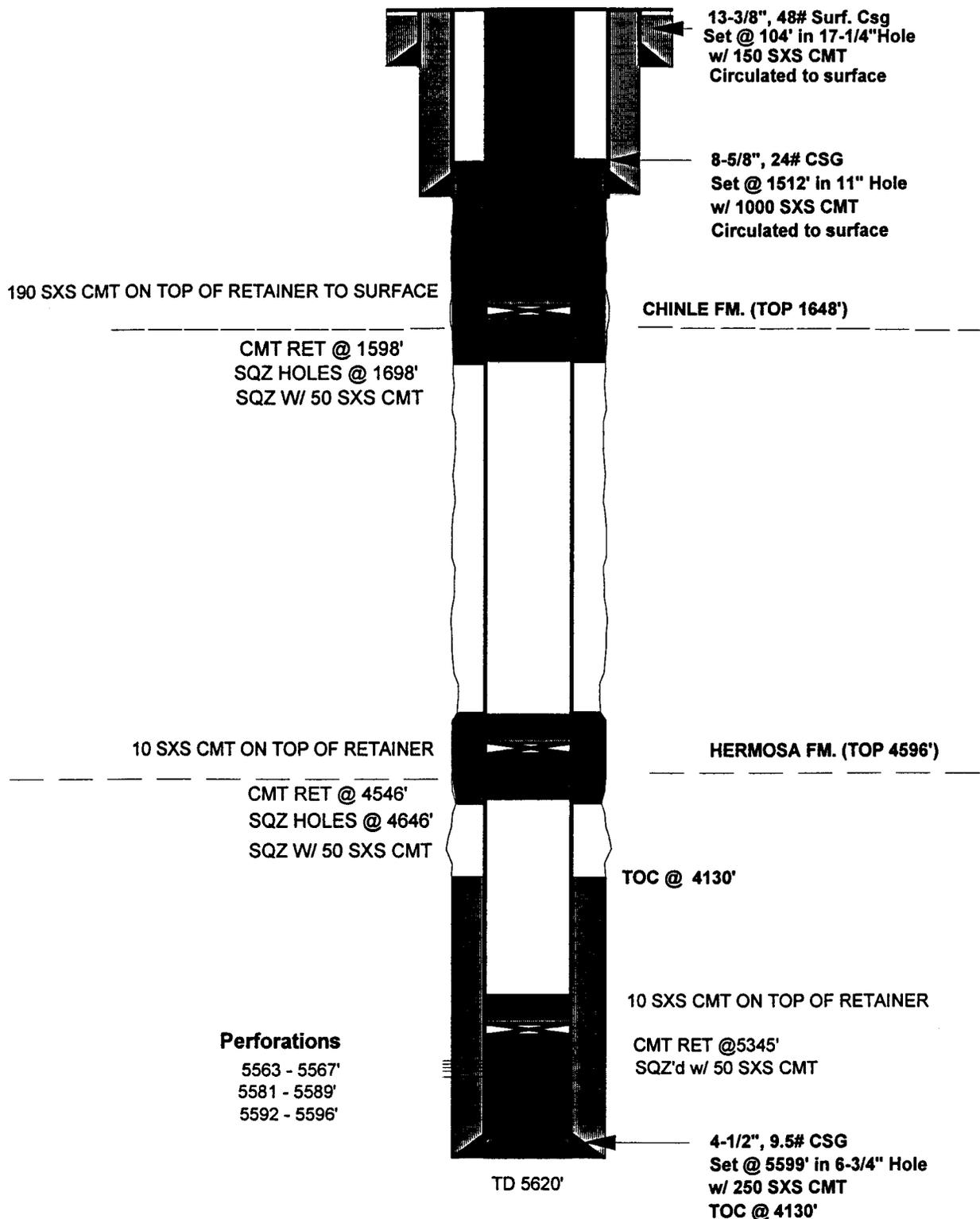
ANETH UNIT
PLUG AND ABANDON PROCEDURE
INJECTION WELL NO. E319

1. Ensure necessary permits are approved and on hand. Notify BLM & Navajo EPA to witness.
2. MIRU Flint Workover Unit. NU BOP. POH with tubing and packer. Fill hole with lease water. TIH w/ cement retainer on workstring and set at 5345'.
3. Squeeze existing perms. 5563 – 5596' with 50 sxs Class G cement. Pull out of retainer and spot 10 sxs cement on retainer, pull up three stands and flush tubing of excess cement. POH with workstring.
4. Perforate 2 squeeze holes at 4646'. Establish rate and pressure with water down casing into perms at 4646'. Set cement retainer at 4546'. Squeeze with 50 sxs cement, pull out of retainer and spot 10 sxs cement on retainer. Pull up three stands and flush tubing of excess cement. POH with workstring.
5. Perforate 2 squeeze holes at 1698'. Establish rate and pressure with water down casing into perms at 1698'. Set cement retainer at 1598'. Squeeze with 50 sxs cement, pull out of retainer and spot 190 sxs cement on retainer to surface.
6. Remove deadmen, clean, rip, and seed location and road. Place P&A monument.
7. Ensure Morning Report is completed. Provide Farmington Office with job completion for submittal of BLM Subsequent Sundry



ANETH UNIT No. E319

PROPOSED PLUGGED & ABANDONED CONDITIONS





1/30/98

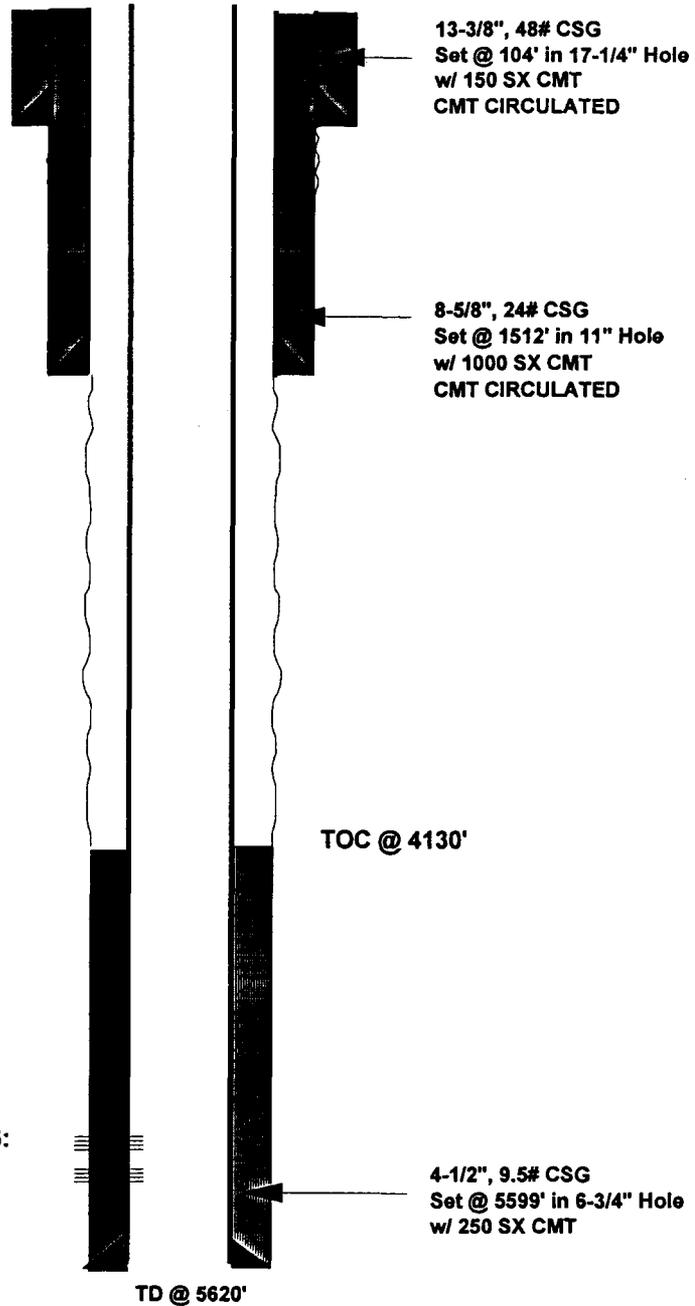
ANETH UNIT No. E319

CURRENT COMPLETION

NWSW SEC. 19-40S-24E
SAN JUAN COUNTY, UTAH
DRILLING COMPLETED 7/6/59

FORMATION TOPS:

Chinle 1648'
DeChelly 2645'
Hermosa 4596'
Ismay 5395'
Desert Creek 5563'



GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON DISTRICT OFFICE

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Farmington District office, *Branch of Drilling & Production*.
- 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured.
- 3.0 A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations and all unattended pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any constituent(s) of concern.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
- 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.3 Surface plugs may be no less than 50' in length.
- 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
- 5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by: (1) tagging with the work string, or: (2) for cased holes only; pressuring to a minimum surface pressure of 500 PSI, with no more than a 10% drop during a 15-minute period.
- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

6.0 All wells are to be controlled by means of a wellbore fluid that is to be of a weight and consistency necessary to stabilize the wellbore. Wellbore fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPF) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, *Subsequent Report of Abandonment (Form 3160-5)*, five copies, with the District Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: OIL WELL GAS WELL OTHER INJECTION WELL

2. Name of Operator
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3. Address and Telephone No.
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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter L : 2040 Feet From The SOUTH Line and 680 Feet From The
WEST Line Section 19 Township T40S Range R24E

5. Lease Designation and Serial No.
I-149-IND-8836

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
E319

9. API Well No.
4303716064

10. Field and Pool, Exploratory Area
DESERT CREEK

11. County or Parish, State
SAN JUAN, UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
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Texaco E&P Inc. requests to plug and abandon the subject well. See attached procedure and wellbore diagram for pertinent details.

FOR INFORMATION ONLY

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
MAR 16 1998
DIV. OF OIL, GAS & MINING

FARMINGTON AREA			
ARD		JMY	
RH		LJE	
LNS		RDW	
JR		BRH	
FEB 26 1998			
MRR		BCB	
BAB		JLS	
BAC		TLD	
RFS		FILE	
RSD		RETURN TO	

14. I hereby certify that the foregoing is true and correct

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 2/10/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED [Signature] TITLE Team Lead DATE 2/23/98

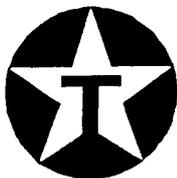
CONDITIONS OF APPROVAL, IF ANY: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

OPERATOR

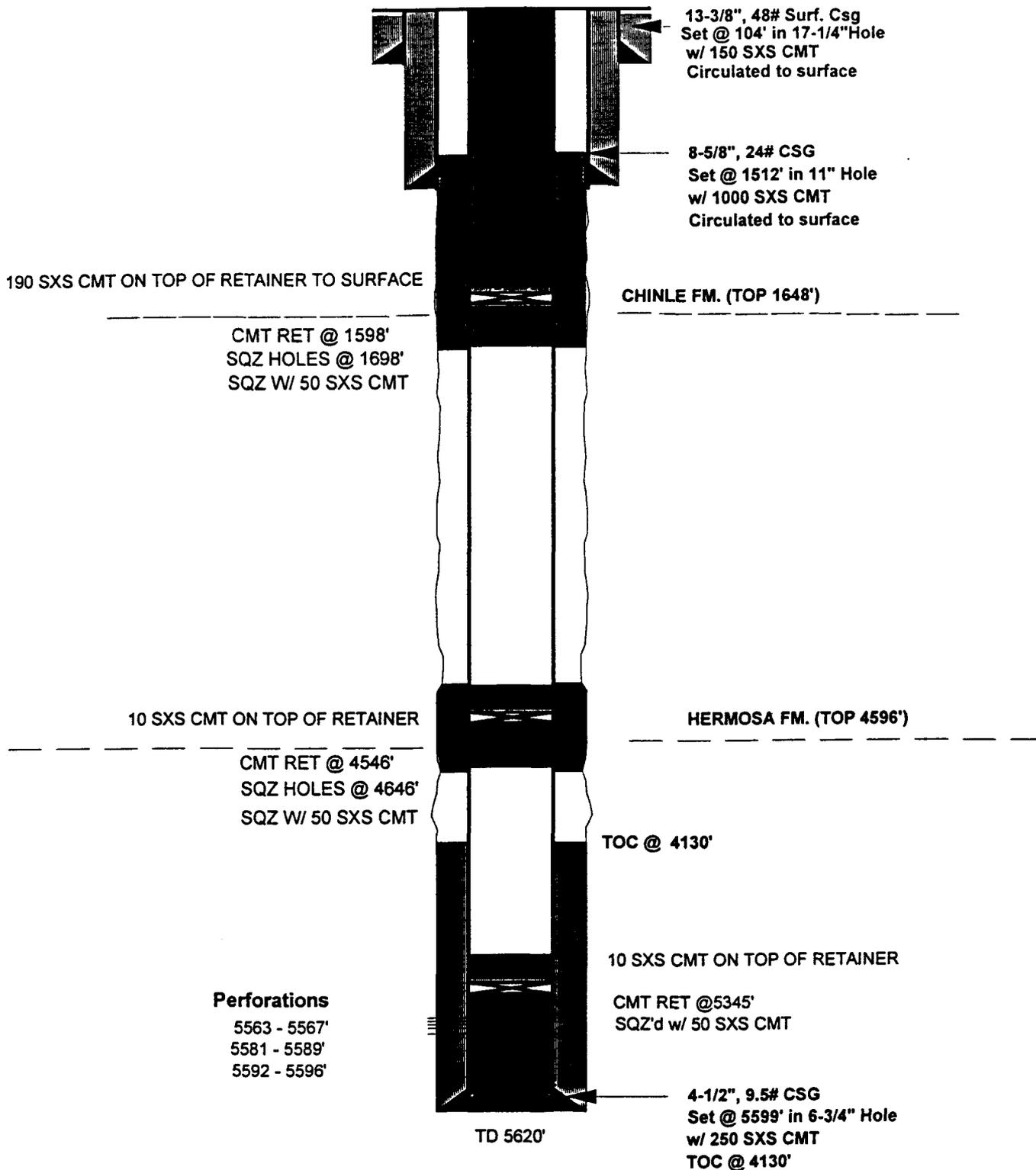
ANETH UNIT
PLUG AND ABANDON PROCEDURE
INJECTION WELL NO. E319

1. Ensure necessary permits are approved and on hand. Notify BLM & Navajo EPA to witness.
2. MIRU Flint Workover Unit. NU BOP. POH with tubing and packer. Fill hole with lease water. TIH w/ cement retainer on workstring and set at 5345'.
3. Squeeze existing perms. 5563 – 5596' with 50 sxs Class G cement. Pull out of retainer and spot 10 sxs cement on retainer, pull up three stands and flush tubing of excess cement. POH with workstring.
4. Perforate 2 squeeze holes at 4646'. Establish rate and pressure with water down casing into perms at 4646'. Set cement retainer at 4546'. Squeeze with 50 sxs cement, pull out of retainer and spot 10 sxs cement on retainer. Pull up three stands and flush tubing of excess cement. POH with workstring.
5. ^{1570'} Perforate 2 squeeze holes at ~~1698'~~^{1570'}. Establish rate and pressure with water down casing into perms at ~~1698'~~^{1570'}. Set cement retainer at ~~1598'~~^{1570'}. Squeeze with 50 sxs cement, pull out of retainer and spot 190 sxs cement on retainer to surface.
6. → Place cement plug from 154' surface to cover the 13 3/8" casing shoe to surface outside 4 1/2" casing. Remove deadmen, clean, rip, and seed location and road. Place P&A monument.
7. Ensure Morning Report is completed. Provide Farmington Office with job completion for submittal of BLM Subsequent Sundry



ANETH UNIT No. E319

PROPOSED PLUGGED & ABANDONED CONDITIONS



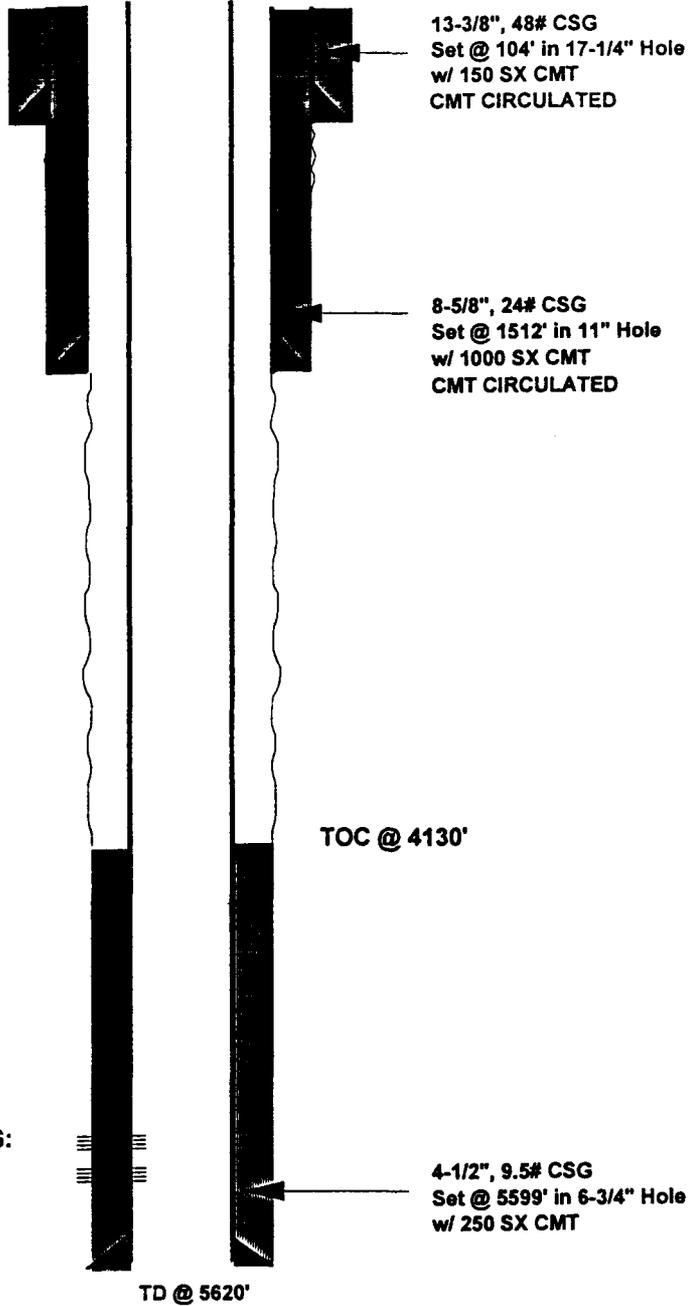


ANETH UNIT No. E319 CURRENT COMPLETION

NWSW SEC. 19-40S-24E
SAN JUAN COUNTY, UTAH
DRILLING COMPLETED 7/6/59

FORMATION TOPS:

- Chinle 1648'
- DeChelly 2645'
- Hermosa 4596'
- Ismay 5395'
- Desert Creek 5563'



PRESENT PERFS:

- 5563 -5567'
- 5581 -5589'
- 5592 -5596'

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6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPF) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the District Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.

3. The well pad will be shaped to conform to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development **must** be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

<i>% Slopes</i>	<i>Spacing Interval</i>
Less than 2%	200'
2 to 5%	150'
6 to 9 %	100'
10 to 15%	50'
Greater than 15%	30"

All water bars should divert water to the downhill side of the road.

5. All disturbed areas will be seeded between July 1 and September 15 with the prescribed certified seed mix (reseeding may be required).

6. Notify Surfacing Managing Agency seven (7) days prior to seeding so they may be present for that option.

7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON DISTRICT OFFICE

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Farmington District office, *Branch of Drilling & Production*.
- 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured.
- 3.0 A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations and all unattended pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any constituent(s) of concern.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
- 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or *annular void(s) between casings*, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.3 Surface plugs may be no less than 50' in length.
- 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, *calculated using the bit size*, or 100' of annular capacity, *determined from a caliper log*, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
- 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, *as calculated from a caliper log*, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
- 5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by: (1) tagging with the work string, or: (2) for cased holes only; pressuring to a minimum surface pressure of 500 PSI, with no more than a 10% drop during a 15-minute period.
- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 6.0 All wells are to be controlled by means of a wellbore fluid that is to be of a weight and consistency necessary to stabilize the wellbore. Wellbore fluid shall be left in place as filler between all plugs.
- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.
- 7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.
- 8.0 Within 30 days after plugging work is completed, file a Sundry Notice, *Subsequent Report of Abandonment (Form 3160-5)*, five copies, with the District Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.
- 9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: E319 Aneth Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Mike Flanikan with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907

3. The following modifications to your plugging program are to be made:

a) Place a cement plug outside the 4 1/2" casing from 154' - surface to cover the 13 3/8" casing shoe to surface.

Note: Chinle top is @ 1520' This plug can be adjusted upward to 1570' instead of 1698'.

Office Hours: 7:45 a.m. to 4:30 p.m.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: OIL WELL GAS WELL **OTHER INJECTION WELL**

2. Name of Operator
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter L : 2040 Feet From The SOUTH Line and 680 Feet From The
WEST Line Section 19 Township T40S Range R24E

5. Lease Designation and Serial No.
I-149-IND-8836

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
E319

9. API Well No.
4303716064

10. Field and Pool, Exploratory Area
DESERT CREEK

11. County or Parish, State
SAN JUAN, UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

TEXACO E&P INC. HAS COMPLETED PLUGGING AND ABANDONMENT OF TH SUBJECT WELL.

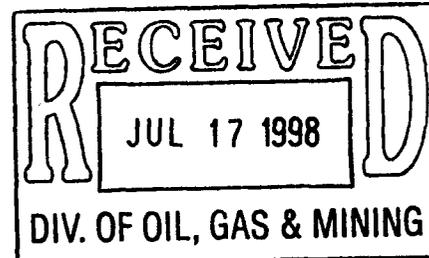
PROCEDURE AS FOLLOWS:

6/23/98 MIRU

6/24/98 TIH TO 5350', CIRC FRESH WATER TO SURFACE

6/25/98 SPOT 12.3 BBLs 15.8 PPG CMT TO END OF TBG, STING INTO RETAINER, SQUEEZE PERFS, PULL OUT OF RETAINER, SPOT 2 BBLs CMT ABOVE RETAINER, SHOT SQUEEZE HOLES @ 4646', COULD NOT ESTABLISHE RATE, SET RETAINER @ 4551', STING OUT & SPOT 2 BBLs CMT ON TOP OF RETAINER, SHOT 2 SQUEEZE HOLES @ 1565', COULD NOT ESTABLISH RATE, SET RETAINER @ 1476', STING OUT OF RETAINER, SPOT CMT PLUG TO WITHIN 200' OF SURFACE, SHOT SQUEEZE HOLES @ 154', CIRCULATED TO SURFACE, SQUEEZE TO SURFACE W/ 51 SXS CMT, MR. RON SNOW W/ BLM ON LOCATION

6/26/98 WELD ON P&A MARKER, DUG OUT DEADMEN, WILL RESEED LOCATION AT BLM'S RECOMMENDED PLANTING SEASON



14. I hereby certify that the foregoing is true and correct

SIGNATURE Rached Hindi TITLE Senior Engineer

DATE 7/14/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0137
Expires: December 31, 1991

SUBMIT ORIGINAL WITH 5 COPIES

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. Lease Designation and Serial No. I-149-IND-8836

6. If Indian, Alottee or Tribe Name NAVAJO TRIBE

7. If Unit or CA, Agreement Designation ANETH UNIT

8. Well Name and Number ANETH UNIT

9. API Well No. E319 4303716064

10. Field and Pool, Exploratory Area DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area Sec. 19, Township T40S, Range R24E

12. County or Parish SAN JUAN 13. State UTAH

14. Permit No. Date Issued

15. Date Spudded 6/19/59 16. Date T.D. Reached 7/6/59 17. Date Compl. (Ready to Prod.) 6/26/98 18. Elevations (Show whether DF, RT, GR, etc.) 4503 DF 19. Elev. Casinhead

20. Total Depth, MD & TVD 5600 21. Plug Back T.D., MD & TVD 5598 22. If Multiple Compl., How Many* 23. Intervals Drilled By -> Rotary Tools 0-5600 CableTools

24. Producing Interval(s), Of This Completion - Top, Bottom, Name (MD and TVD)* 25. Was Directional Survey Made

26. Type Electric and Other Logs Run 27. Was Well Cored

28. CASING RECORD (Report all Strings set in well)

CASING SIZE & GRADE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
13 3/8"	48#	104'	17 1/4"	150 SXS	
8 5/8"	24#	1512'	11"	1000 SXS	
4 1/2"	9.5#	5599'	6 3/4"	250 SXS	TOC 4130

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation record (interval, size, and number)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - size and type pump) Well Status (Prod. or Shut-in)

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

35. List of Attachments

36. I hereby certify that the foregoing is true and correct

SIGNATURE *Rached Hindi* TITLE Senior Engineer DATE 7/14/98

TYPE OR PRINT NAME Rached Hindi

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

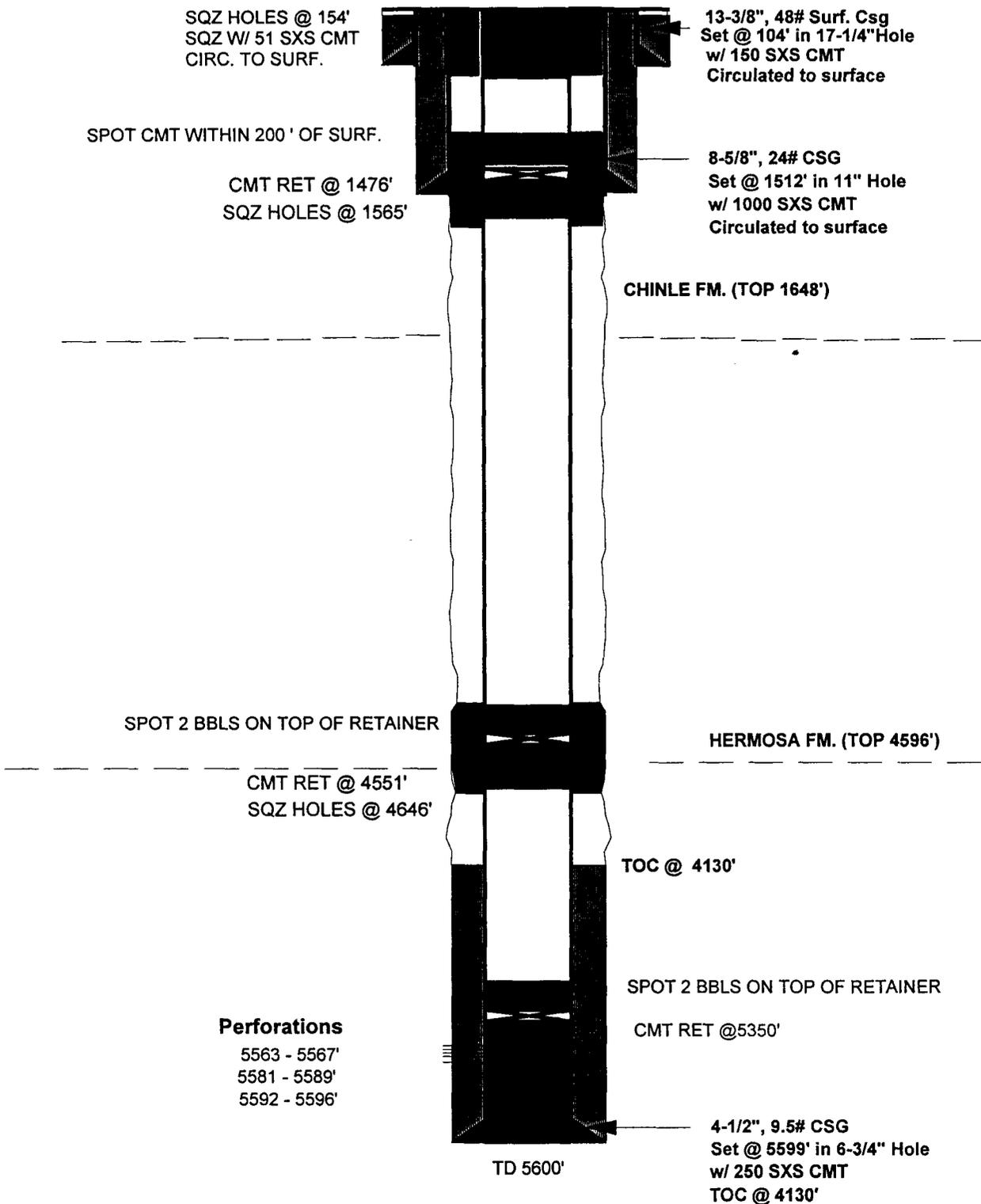
38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				CHINLE	1648	
				DEHELLY	2645	
				HERMOSA	4596	
				ISMAY	5395	
				DESERT CREEK	5563	



ANETH UNIT No. E319

PLUGGED & ABANDONED 6/26/98



WORKOVER PROGRESS AND SUMMARY REPORT

01-Jul-98

Operator: TEPI Lease Name Well No.: ANETH UNIT E319
Field: ANETH UNIT County: SAN JAUN
PURPOSE: PLUG AND ABANDON Comm. Date: 6/24/98
TD: 5620' PBTD: Perfs. or OH: Top: 5563' Bottom: 5596'
Surf. Csg.: 13 3/8" 48# #/FT @ 104' TOC @ CIRC. Est. No.:
Int. Csg. : 8 5/8" 24# #/FT @ 1512' TOC @ CIRC. Cash:
Prod. Csg.: 4 1/2" 9.5# #/FT @ 5599' TOC @ 4130' MOH:
Liner: @ TOC @
PREPARED BY: G. L. DIFFENDAFFE APPROVED BY: AL DAVIS

FINAL REPORT

Test @ Completion: Date: Status: BO BW CFD
PI Grav. : Ck: TP: MP Dia. : SPM/LS:
ESPDATA: Perfs. or OH: to:
FINALFIELD:
Test Prior : Status SI-I BO BW MCFD Ck TP
O31 Status Change : From WO to

WORK PERFORMED

6-23-98

MOVE IN SPOT RIG.

6-24-98

MIRUSU, PICK UP WORK STRING & STINGER, TIH TO 5350', CIRC F/W TO SURFACE, SIFN.

6-25-98

RU DOWELL, SPOT 12.3 Bbls 15.8 ppg CMT TO END OF TBG. STING INTO RTNR, SQUEEZE PERFS. STARTING RATE; 1.5 BPM @100#, ENDING RATE; 1 BPM @ 900#. STING OUT & SPOT 2 Bbls CMT ABOVE RTNR. LAY DOWN 6 JTS & REVERSE OUT. TOO H W/ TBG. RU SCHLUMBERGER, TIH TO 4646', SHOOT 2 SQUEEZE HOLES, TOO H W/ WIRELINE. COULD NOT ESTABLISH RATE THROUGH PERFORATIONS. TIH & SET RTNR @ 4551', STING OUT & SPOT 2 Bbls ON TOP OF RTNR. LAY DOWN 6 JTS & REVERSE OUT. TOO H W/ TBG. RU WIRELINE, SHOOT 2 SQUEEZE HOLES @ 1565' (1571 FOUND CSG COLLAR, CAME UP HOLE 4' FROM ORIGINAL DEPTH) TOO H W/ WIRELINE, COULDN'T ESTABLISH RATE THROUGH PERFORATIONS. TIH W/ RTNR, SET @1476', STING OUT OF RTNR, SPOT CMT PLUG TO WITH IN 200' OF SURFACE. RU WIRELINE, TIH TO 154', SHOOT 2 SQUEEZE HOLES, TOO H W/ WIRELINE, CIRCULATED TO SURFACE, RATE 2.5 BPM @ 400#. SQUEEZE TO SURFACE W/ 51 SXS. SIFN. RON SNOW W/ BLM ON LOCATION.

6-26-98

DIG OUT DEAD MEN, CUT OF WELL HEAD, WELD ON P&A MARKER.